



**Applicant:** Selvaggi et al.  
**Application No.:** 09/632,759

### IN THE SPECIFICATION

Please replace the paragraph beginning on page 7, line 7 with the following rewritten paragraph:

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In certain circumstances, coordination between threads is needed. For example, intermediate results from the position thread (for example, perspective-related information) may be required by the texture thread. Binary or counting semaphore 180 can be used to synchronize the sequential execution of two different threads and to signal when the result from one thread is available for the next thread to consume. The results of the executed operations are sent to a post-processing engine 185, such as the XEOPIPE, which performs operations, such as rounding or conversion from floating-point to fixed-point format. The buffer ~~195~~ 190 holds the transformed vertex data until required by other processes.

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